Monohybrid cross:

1. Cross a plant that is heterozygous for green pods with a plant that has yellow pods (gg).
2. Cross a homozygous tall plant (TT) with a heterozygous tall plant.
3. Cross a white plant (pp) with a heterozygous purple plant.

Incomplete dominance:

1. Cross a blue (BB’) chicken with a black rooster (BB).
2. Cross a white snapdragon (R’R’) with a red snapdragon (RR).
3. Cross a palomino (DD’) with a chestnut horse (D’D’).

Codominance:

1. Cross a checkered chicken (WB) with a black rooster (BB).
2. Cross a red cow (RR) with a roan bull (RW).

Blood type (Multiple alleles):

1. Cross a heterozygous type A with a heterozygous type B.
2. Cross a type AB with a type O.
3. Cross a homozygous type B with a type AB.
4. Cross a heterozygous type A with a type O.

Sex-linked traits:

1. Cross a heterozygous normal blood clotting female with a hemophiliac male.
2. Cross a normal blood clotting male with a heterozygous blood clotting female.
3. Cross a colorblind male with a homozygous normal color vision female.
4. Cross a normal color vision male with a heterozygous color vision female.

Dihybrid traits:

1. A person is heterozygous immunity to poison ivy and normal pigmented skin (IiPp). What are the possible alleles in the sex cells?
2. A person is heterozygous dimpled and unattached earlobes (DdEe). What are the possible alleles in the sex cells?